

Amendments to the Claims:

Claims 1-22 (Cancelled).

23. (Currently Amended) An apparatus comprising a processor and a memory storing executable instructions that in response to execution by the processor cause the apparatus to at least perform the following:

a processor configured to send ~~sending~~ an upload request to a recipient, the upload request comprising a request to upload content from the apparatus to the recipient, wherein the processor is configured to send the upload request to thereby enable the recipient to determine;
receiving, from the recipient in response thereto to the upload request, an upload schedule relating to at least one of the time or manner of uploading the content, and wherein the processor is configured to upload; and
uploading the content to the recipient in accordance with the upload schedule.

24. (Currently Amended) An apparatus according to Claim 23 further comprising: a,
wherein the memory is configured to store the content, and wherein the processor is configured to delete memory stores executable instructions that in response to execution by the processor cause the apparatus to further perform:

deleting the content from the memory after uploading the content to the recipient.

25. (Currently Amended) An apparatus according to Claim 23, wherein the upload schedule includes at least one instruction based upon state information regarding at least one of the recipient or the apparatus, and wherein the processor is configured to receive memory stores executable instructions that in response to execution by the processor cause the apparatus to further perform:

receiving the state information before uploading the content to thereby enable the processor to upload, wherein uploading the content comprises uploading the content based upon the state information.

26. (Currently Amended) An apparatus according to Claim 25, wherein the processor is configured to receive receiving the state information comprising comprises receiving state information including at least one of a connectivity, location, actual movement or predicted movement of at least one of the recipient or the apparatus.

27. (Currently Amended) An apparatus according to Claim 23, wherein the upload schedule includes at least one instruction based upon state information regarding at least one network over which the content is uploaded, and wherein the processor is configured to receive memory stores executable instructions that in response to execution by the processor cause the apparatus to further perform:

receiving the state information before uploading the content to thereby enable the processor to upload, wherein uploading the content comprises uploading the content based upon the state information.

28. (Currently Amended) An apparatus according to Claim 27, wherein the processor is configured to receive receiving the state information comprising comprises receiving state information including at least one of traffic on the at least one network or bandwidth available to at least one of the recipient or the apparatus on the at least one network.

29. (Currently Amended) An apparatus according to Claim 23, wherein the upload schedule includes at least one instruction defining processing the content, and wherein the processor is configured to process memory stores executable instructions that in response to execution by the processor cause the apparatus to further perform:

processing the content to thereby enable the processor to upload, wherein uploading the content comprises uploading the processed content.

30. (Currently Amended) An apparatus according to Claim 29, wherein the processor is configured to processing the content comprises at least one of transecode-transcoding or

~~truncate~~truncating at least a portion of the content to thereby enable the processor to upload the at least one of the transcoded or truncated portion of the content.

31. (Currently Amended) An apparatus according to Claim 29, wherein ~~the processor is configured to break~~processing the content comprises breaking up the upload content into a plurality of portions to thereby enable the processor to upload the portions of the upload content.

32. (Currently Amended) An apparatus according to Claim 23, wherein the upload schedule includes at least one instruction defining at least one deadline for uploading the content, and wherein ~~the processor is configured to upload~~uploading the content comprises uploading the content based upon the at least one deadline.

33. (Currently Amended) An apparatus according to Claim 23, wherein the content includes a plurality of pieces, wherein the upload schedule includes at least one instruction comprising an ordering of the plurality of pieces of the content, and wherein ~~the processor is configured to upload~~uploading the content comprises uploading at least a portion of the content based upon the ordering of the plurality of pieces of the content.

34. (Currently Amended) An apparatus according to Claim 23, wherein the upload schedule includes at least one instruction based upon the content and at least one network over which the content is uploaded, and wherein ~~the processor is configured to upload~~uploading the content comprises uploading the content based upon the content and the at least one network.

35. (Currently Amended) An apparatus according to Claim 23, wherein the upload schedule includes at least one instruction based upon at least one upload time of the content determined based upon the content and at least one network over which the content is uploaded, and wherein ~~the processor is configured to upload~~uploading the content comprises uploading the content based upon the at least one upload time.

36. (Currently Amended) An apparatus according to Claim 23, wherein the processor is further configured to receive memory stores executable instructions that in response to execution by the processor cause the apparatus to further perform:

receiving a trigger to send an upload request to thereby enable the processor to send the,
wherein sending an upload request comprises sending an upload request in response to the
trigger independent of interaction from a user of the apparatus.

37. (Currently Amended) An apparatus according to Claim 23, wherein the content comprises a plurality of data packets, wherein the processor is configured to send sending an upload request comprises sending an upload descriptor and thereafter upload-uploading the
content to thereby enable at least one of the processor-apparatus or the recipient to determine if an interruption occurs in uploading the plurality of data packets such that the recipient receives less than the plurality of data packets of the content, and if an interruption occurs in uploading the plurality of data packets, to thereby enable the recipient to recover the content based upon the upload descriptor such that the recipient receives the plurality of data packets.

38. (Currently Amended) An apparatus according to Claim 37, wherein the processor is configured to send the sending an upload descriptor and thereafter upload-uploading the
content to thereby enable enables the recipient to recover the content if an interruption occurs in uploading the plurality of data packets, including enabling the recipient to determine at least one remaining data packet to be uploaded to the recipient to thereby complete uploading of the plurality of data packets of the content, and thereafter instruct the apparatus to send the at least one remaining data packet to thereby enable the processor to upload, uploading the content including uploading the at least one remaining data packet such that the recipient receives all of
the content.

39. (Currently Amended) An apparatus according to Claim 23, wherein the content comprises a plurality of data packets, and wherein the processor is configured to upload uploading the content comprises uploading the plurality of data packets and at least one

information packet regarding at least one group of at least one data packet.

40. (Currently Amended) An apparatus according to Claim 39, wherein ~~the processor is configured to upload~~ uploading the plurality of data packets and the at least one information packet to ~~thereby enable~~ enables the recipient to monitor the uploaded data packets to determine, based upon at least one information packet, if an interruption occurs in uploading the plurality of data packets such that the recipient receives less than the plurality of data packets of the content, and if an interruption occurs in uploading the plurality of data packets, to thereby enable the recipient to recover the content such that the recipient receives the plurality of data packets.

41. (Currently Amended) An apparatus according to Claim 23, wherein ~~the processor is configured to upload~~ uploading the content to ~~thereby enable~~ enables at least one of the ~~processor apparatus~~ or the recipient to determine if an interruption occurs in uploading the content such that the recipient only receives a portion of the content, and if an interruption occurs in uploading the content, ~~the processor is configured to receive~~ executable instructions stored by the memory cause the apparatus to further perform:

receiving a length of the received portion of the content, and thereafter ~~upload~~ uploading a remaining portion of the content to thereby recover the content such that the recipient receives all of the content.

42. (Currently Amended) An apparatus according to Claim 41, wherein ~~the processor is configured to upload~~ uploading a remaining portion of the content comprises uploading a remaining portion of the content based upon a bit range of the remaining portion of the content.

43. (Currently Amended) An apparatus according to Claim 41, wherein ~~the processor is configured to receive~~ receiving a length of the received portion of the content comprises receiving a length of the received portion of the content in accordance with a hypertext transfer protocol (HTTP) HEAD technique.

44. (Currently Amended) An apparatus according to Claim 43, wherein ~~the processor is configured to upload~~ uploading a remaining portion of the content comprises uploading a remaining portion of the content in accordance with one of a HTTP POST or a HTTP PUT technique, wherein the one of the HTTP POST or HTTP PUT technique includes uploading the remaining portion of the content including header information comprising a bit range of the remaining portion of the content.

45. (Currently Amended) An apparatus comprising a processor and a memory storing executable instructions that in response to execution by the processor cause the apparatus to at least perform the following:

~~a processor configured to receive~~ receiving a request to upload content from a sender to a recipient, and determine the apparatus;

determining, in response thereto to the request, an upload schedule relating to at least one of the time or manner of the sender uploading the content, wherein the apparatus comprises the recipient, and wherein the processor is configured to determine the upload schedule to thereby enable the sender to upload to the apparatus; and

receiving the content to the recipient uploaded from the sender in accordance with the upload schedule.

46. (Currently Amended) An apparatus according to Claim 45, wherein ~~the processor is configured to determine~~ determining an upload schedule comprises determining an upload schedule including at least one instruction based upon state information regarding at least one of the recipient apparatus or the sender to thereby enable the sender to receive the state information before uploading the content to thereby upload, and wherein receiving the content comprises receiving the content based upon the state information, the sender having received the state information before uploading the content to the apparatus.

47. (Currently Amended) An apparatus according to Claim 45, wherein ~~the processor is configured to determine~~ determining an upload schedule comprises determining an upload

schedule including at least one instruction based upon state information regarding at least one network over which the content is uploaded to thereby enable the sender to receive the state information before uploading the content to thereby upload, and wherein receiving the content comprises receiving the content based upon the state information, the sender having received the state information before uploading the content to the apparatus.

48. (Currently Amended) An apparatus according to Claim 45, wherein the processor is configured to determine determining an upload schedule comprises determining an upload schedule including at least one instruction defining processing the content to thereby enable direct the sender to process the content and uploading, and wherein receiving the content comprises receiving the processed content.

49. (Currently Amended) An apparatus according to Claim 45, wherein the processor is configured to determine determining an upload schedule comprises determining an upload schedule including at least one instruction defining at least one deadline for uploading the content to thereby enable the sender to upload, and wherein receiving the content comprises receiving the content based upon the at least one deadline.

50. (Currently Amended) An apparatus according to Claim 45, wherein the content includes a plurality of pieces, and wherein the processor is configured to determine determining an upload schedule comprises determining an upload schedule including at least one instruction comprising an ordering of the plurality of pieces of the content to thereby enable the sender to upload, and wherein receiving the content comprises receiving at least a portion of the content based upon the ordering of the plurality of pieces of the content.

51. (Currently Amended) An apparatus according to Claim 45, wherein the processor is configured to determine determining an upload schedule comprises determining an upload schedule including at least one instruction based upon the content and at least one network over which the content is uploaded to thereby enable the sender to upload, and wherein receiving the

content comprises receiving the content based upon the content and the at least one network.

52. (Currently Amended) An apparatus according to Claim 45, wherein ~~the processor is configured to determine~~ determining an upload schedule comprises determining an upload schedule including at least one instruction based upon at least one upload time of the content to thereby enable the sender to upload, and wherein receiving the content comprises receiving the content based upon the at least one upload time, the at least one upload time of the content being determined based upon the content and at least one network over which the content is uploaded.

53. (Currently Amended) An apparatus according to Claim 45, wherein the content comprises a plurality of data packets, wherein ~~the processor is configured to determine the upload schedule to thereby enable the sender to thereafter send~~ receiving the content comprises receiving an upload descriptor and thereafter upload receiving the plurality of data packets, wherein ~~the processor is configured to determine~~ the memory stores executable instructions that in response to execution by the processor cause the apparatus to further perform:

determining if an interruption occurs in uploading the plurality of data packets such that a recipient of the content the apparatus receives less than the plurality of data packets of the content; and ~~wherein,~~ if an interruption occurs in uploading the plurality of data packets, the processor is configured to recover

recovering the content based upon the upload descriptor such that the recipient apparatus receives the plurality of data packets.

54. (Currently Amended) An apparatus according to Claim 53, wherein ~~the processor is configured to recover~~ recovering the content by comprises:

determining at least one remaining data packet to be uploaded to the recipient apparatus to thereby complete uploading of the plurality of data packets of the content, and thereafter;

instructing the sender to send the at least one remaining data packet such that the recipient receives; and

receiving the at least one remaining data packet such that the recipient receives the

plurality of data packets.

55. (Currently Amended) An apparatus according to Claim 45, wherein the content comprises a plurality of data packets, and wherein ~~the processor is configured to determine the upload schedule to thereby enable the sender to thereafter upload~~ receiving the content comprises receiving the plurality of data packets and at least one information packet regarding at least one group of at least one data packet.

56. (Currently Amended) An apparatus according to Claim 55, wherein ~~the processor is configured to monitor~~ memory stores executable instructions that in response to execution by the processor cause the apparatus to further perform:

monitoring the uploaded data packets to determine, based upon at least one information packet, if an interruption occurs in uploading the plurality of data packets such that ~~a recipient of the content~~ the apparatus receives less than the plurality of data packets of the content; and wherein, if an interruption occurs in uploading the plurality of data packets, ~~the processor is configured to recover~~

recovering the content such that the recipient apparatus receives the plurality of data packets.

57. (Currently Amended) An apparatus according to Claim 45, wherein ~~the processor is configured to determine~~ memory stores executable instructions that in response to execution by the processor cause the apparatus to further perform:

determining if an interruption occurs in uploading the content such that ~~a recipient of the content~~ the apparatus only receives a portion of the content; and wherein, if an interruption occurs in uploading the content, ~~the processor is configured to send~~

sending the sender a length of the received portion of the content to thereby enable the sender to thereafter upload a remaining portion of the content; and

receiving the remaining portion of the content to thereby recover the content such that the recipient apparatus receives all of the content.

58. (Currently Amended) A method of uploading content comprising:
receiving an upload request from a sender, wherein the upload request comprises a request to upload content from the sender to a recipient;
determining, in response to the request, an upload schedule relating to at least one of the time or manner of the sender uploading the content to the recipient; and
receiving the content uploaded from the sender ~~at the recipient~~ in accordance with the upload schedule,
wherein receiving an upload request ~~and~~ determining an upload schedule and receiving the content occur at the recipient.

59. (Cancelled)

60. (Currently Amended) A method according to Claim 58, wherein ~~the determining an upload schedule comprises determining an upload schedule includes including~~ at least one instruction based upon state information regarding at least one of the recipient or the sender, and wherein ~~the method further comprises: receiving the state information before uploading the content, wherein uploading receiving the content comprises uploading receiving the content based upon the state information, the sender having received the state information before uploading the content to the recipient.~~

61. (Currently Amended) A method according to Claim 60, wherein the ~~received~~ state information comprises at least one of a connectivity, location, actual movement or predicted movement of at least one of the recipient or the sender.

62. (Currently Amended) A method according to Claim 58, wherein ~~the determining an upload schedule comprises determining an upload schedule includes including~~ at least one instruction based upon state information regarding at least one network over which the content is uploaded, and wherein ~~the method further comprises: receiving the state information before~~

~~uploading the content, wherein uploading~~ receiving the content comprises uploading ~~receiving the content based upon the state information, the sender having received the state information before uploading the content to the recipient.~~

63. (Currently Amended) A method according to Claim 62, wherein the ~~received~~ state information comprises at least one of traffic on the at least one network or bandwidth available to at least one of the recipient or the sender on the at least one network.

64. (Currently Amended) A method according to Claim 58, wherein ~~the determining an upload schedule comprises determining an upload schedule includes including~~ at least one instruction defining processing the content, and wherein ~~the method further comprises: processing the content, and wherein uploading~~ receiving the content comprises uploading receiving the processed content.

65. (Currently Amended) A method according to Claim 64, wherein ~~processing the content comprises~~ determining an upload schedule comprises determining an upload schedule including at least one instruction defining at least one of transcoding or truncating at least a portion of the content, and wherein uploading receiving the content comprises uploading receiving the at least one of the transcoded or truncated portion of the content.

66. (Currently Amended) A method according to Claim 64, wherein ~~processing the content comprises~~ determining an upload schedule comprises determining an upload schedule including at least one instruction defining breaking up the upload content into a plurality of portions, and wherein uploading receiving the content comprises uploading receiving the portions of the upload content.

67. (Currently Amended) A method according to Claim 58, wherein ~~the determining an upload schedule comprises determining an upload schedule includes including~~ at least one instruction defining at least one deadline for uploading the content, and wherein uploading

receiving the content comprises ~~uploading-receiving~~ the content based upon the at least one deadline.

68. (Currently Amended) A method according to Claim 58, wherein the content includes a plurality of pieces, wherein ~~the determining an upload schedule comprises~~ determining an upload schedule includes including at least one instruction comprising an ordering of the plurality of pieces of the content, and wherein ~~uploading-receiving~~ the content comprises ~~uploading-receiving~~ at least a portion of the content based upon the ordering of the plurality of pieces of the content.

69. (Currently Amended) A method according to Claim 58, wherein ~~the determining an upload schedule comprises~~ determining an upload schedule includes including at least one instruction based upon the content and at least one network over which the content is uploaded, and wherein ~~uploading-receiving~~ the content comprises ~~uploading-receiving~~ the content based upon the content and the at least one network.

70. (Currently Amended) A method according to Claim 58, wherein ~~the determining an upload schedule comprises~~ determining an upload schedule includes including at least one instruction based upon at least one upload time of the content determined based upon the content and at least one network over which the content is uploaded, and wherein ~~uploading-receiving~~ the content comprises ~~uploading-receiving~~ the content based upon the at least one upload time.

71. (Original) A method according to Claim 58 further comprising:
sending a trigger to the sender to send an upload request before receiving the upload request, wherein receiving an upload request comprises receiving an upload request in response to the trigger independent of interaction from a user of the sender.

72. (Currently Amended) A method according to Claim 58, wherein the content comprises a plurality of data packets, wherein ~~uploading-receiving~~ the content comprises ~~sending~~

receiving an upload descriptor and thereafter ~~uploading~~receiving the content, and the method further comprises:

determining if an interruption occurs in uploading the plurality of data packets such that the recipient receives less than the plurality of data packets of the content; and if an interruption occurs in uploading the plurality of data packets,

recovering the content based upon the upload descriptor such that the recipient receives the plurality of data packets.

73. (Currently Amended) A method according to Claim 72, wherein recovering the content comprises:

determining at least one remaining data packet to be received at the recipient to thereby complete uploading of the plurality of data packets of the content;

instructing the sender to send the at least one remaining data packet; and

~~uploading~~receiving the at least one remaining data packet such that the recipient receives all of the content.

74. (Currently Amended) A method according to Claim 58, wherein the content comprises a plurality of data packets, and wherein ~~uploading~~receiving the content comprises ~~uploading~~receiving the plurality of data packets and at least one information packet regarding at least one group of at least one data packet.

75. (Currently Amended) A method according to Claim 74 further comprising:

monitoring the ~~uploaded~~received data packets to determine, based upon at least one information packet, if an interruption occurs in uploading the plurality of data packets such that the recipient receives less than the plurality of data packets of the content; and if an interruption occurs in uploading the plurality of data packets,

recovering the content such that the recipient receives the plurality of data packets.

76. (Currently Amended) A method according to Claim 58 further comprising:

determining if an interruption occurs in uploading the content such that the recipient only receives a portion of the content; and if an interruption occurs in uploading the content, ~~receiving~~ sending a length of the received portion of the content to the sender; and ~~uploading~~ receiving a remaining portion of the content to thereby recover the content such that the recipient receives all of the content.

77. (Currently Amended) A method according to Claim 76, wherein ~~uploading~~ receiving a remaining portion of the content comprises ~~uploading~~ receiving a remaining portion of the content based upon a bit range of the remaining portion of the content.

78. (Currently Amended) A method according to Claim 76, wherein ~~receiving~~ sending a length of the received portion of the content comprises ~~receiving~~ sending a length of the received portion of the content in accordance with a hypertext transfer protocol (HTTP) HEAD technique.

79. (Currently Amended) A method according to Claim 78, wherein ~~uploading~~ receiving a remaining portion of the content comprises ~~uploading~~ receiving a remaining portion of the content in accordance with one of a HTTP POST or a HTTP PUT technique, wherein the one of the HTTP POST or HTTP PUT technique includes ~~uploading~~ receiving the remaining portion of the content including header information comprising a bit range of the remaining portion of the content.

80. (Currently Amended) A computer program product for uploading content, the computer program product comprising at least one computer-readable storage medium having computer-readable program code portions stored therein, ~~the computer-readable program code portions comprising that in response to execution by a processor, cause an apparatus to at least perform the following:~~

~~a first executable portion configured to receive~~ receiving an upload request from a sender, wherein the upload request comprises a request to upload content from the sender to a recipient

the apparatus;

~~a second executable portion configured to determine~~determining, in response to the request, an upload schedule relating to at least one of the time or manner of the sender uploading the content to the apparatus; and

~~a third executable portion configured to receive~~providing for receipt of the content
uploaded from the sender at the recipient in accordance with the upload schedule;

~~wherein the first and second executable portions are configured to receive an upload request and determine an upload schedule at the recipient.~~

81. (Cancelled)

82. (Currently Amended) A computer program product according to Claim 80,
~~wherein the determining an upload schedule comprises determining an upload schedule includes~~
including at least one instruction based upon state information regarding at least one of the recipient apparatus or the sender, and wherein the computer program product further comprises:
~~a fourth executable portion configured to receive the state information before uploading the~~
~~content, wherein the third executable portion is configured to upload~~receiving the content
comprises receiving the content based upon the state information, the sender having received the
state information before uploading the content to the apparatus.

83. (Currently Amended) A computer program product according to Claim 82,
~~wherein the fourth executable portion is configured to receive state information comprising~~
comprises at least one of a connectivity, location, actual movement or predicted movement of at
least one of the recipient apparatus or the sender.

84. (Currently Amended) A computer program product according to Claim 80,
~~wherein the determining an upload schedule comprises determining an upload schedule includes~~
including at least one instruction based upon state information regarding at least one network
over which the content is uploaded, and wherein the computer program product further

~~comprises: a fourth executable portion configured to receive the state information before uploading the content, wherein the third executable portion is configured to upload~~ receiving the content comprises receiving the content based upon the state information, the sender having received the state information before uploading the content to the apparatus.

85. (Currently Amended) A computer program product according to Claim 84, wherein the ~~fourth executable portion is configured to receive state information comprising~~ comprises at least one of traffic on the at least one network or bandwidth available to at least one of the recipient apparatus or the sender on the at least one network.

86. (Currently Amended) A computer program product according to Claim 80, wherein the ~~determining an upload schedule comprises determining an upload schedule includes including at least one instruction defining processing the content, and wherein the computer program product further comprises: a fourth executable portion configured to process~~ receiving the content, and wherein the third executable portion is configured to upload comprises receiving the processed content.

87. (Currently Amended) A computer program product according to Claim 86, wherein the ~~fourth executable portion is configured to determining an upload schedule comprises determining an upload schedule including at least one instruction defining at least one of transecode or truncate~~ transcoding or truncating at least a portion of the content, and wherein the third executable portion is configured to upload receiving the content comprises receiving the at least one of the transcoded or truncated portion of the content.

88. (Currently Amended) A computer program product according to Claim 86, wherein the ~~fourth executable portion is configured to break~~ determining an upload schedule comprises determining an upload schedule including at least one instruction defining breaking up the upload content into a plurality of portions, and wherein the third executable portion is configured to upload receiving the content comprises receiving the portions of the upload

content.

89. (Currently Amended) A computer program product according to Claim 80, wherein ~~the determining an upload schedule comprises determining an upload schedule includes~~ including at least one instruction defining at least one deadline for uploading the content, and wherein ~~the third executable portion is configured to upload-receiving the content comprises~~ receiving the content based upon the at least one deadline.

90. (Currently Amended) A computer program product according to Claim 80, wherein the content includes a plurality of pieces, wherein ~~the determining an upload schedule comprises determining an upload schedule includes~~ including at least one instruction comprising an ordering of the plurality of pieces of the content, and wherein ~~the third executable portion is configured to upload-receiving the content comprises~~ receiving at least a portion of the content based upon the ordering of the plurality of pieces of the content.

91. (Currently Amended) A computer program product according to Claim 80, wherein ~~the determining an upload schedule comprises determining an upload schedule includes~~ including at least one instruction based upon the content and at least one network over which the content is uploaded, and wherein ~~the third executable portion is configured to upload-receiving the content comprises~~ receiving the content based upon the content and the at least one network.

92. (Currently Amended) A computer program product according to Claim 80, wherein ~~the determining an upload schedule comprises determining an upload schedule includes~~ including at least one instruction based upon at least one upload time of the content determined based upon the content and at least one network over which the content is uploaded, and wherein ~~the third executable portion is configured to upload-receiving the content comprises~~ receiving the content based upon the at least one upload time.

93. (Currently Amended) A computer program product according to Claim 80,

wherein the at least one computer-readable storage medium has computer-readable program code portions stored therein that in response to execution by a processor, cause an apparatus to further comprise perform the following:

~~a fourth executable portion configured to receive~~ sending a trigger to the sender to send an upload request before the first executable portion sends ~~receiving the upload request, wherein the first executable portion is configured to send the~~ receiving an upload request comprises receiving an upload request in response to the trigger independent of interaction from a user of the sender.

94. (Currently Amended) A computer program product according to Claim 80, wherein the content comprises a plurality of data packets, wherein ~~the third executable portion is configured to send~~ receiving the content comprises receiving an upload descriptor and thereafter upload ~~receiving the content, and wherein the~~ at least one computer-readable storage medium has computer-readable program code portions stored therein that in response to execution by a processor, cause an apparatus to further comprise perform the following:

~~a fourth executable portion configured to determine~~ determining if an interruption occurs in uploading the plurality of data packets such that the recipient apparatus receives less than the plurality of data packets of the content; and if an interruption occurs in uploading the plurality of data packets, and to recover

recovering the content based upon the upload descriptor such that the recipient apparatus receives the plurality of data packets.

95. (Currently Amended) A computer program product according to Claim 94, wherein the ~~fourth executable portion is configured to determine~~ recovering the content comprises:

determining at least one remaining data packet to be received at the recipient apparatus to thereby complete uploading of the plurality of data packets of the content, and instruct;

instructing the sender to send the at least one remaining data packet, and wherein the ~~third executable portion is configured to upload; and~~

receiving the at least one remaining data packet such that the ~~recipient apparatus~~ receives all of the content.

96. (Currently Amended) A computer program product according to Claim 80, wherein the content comprises a plurality of data packets, and wherein ~~the third executable portion is configured to upload~~ receiving the content comprises receiving the plurality of data packets and at least one information packet regarding at least one group of at least one data packet.

97. (Currently Amended) A computer program product according to Claim 96, wherein the at least one computer-readable storage medium has computer-readable program code portions stored therein that in response to execution by a processor, cause an apparatus to further comprise perform the following:

~~a fourth executable portion configured to monitor~~ monitoring the uploaded received data packets to determine, based upon at least one information packet, if an interruption occurs in uploading the plurality of data packets such that the ~~recipient apparatus~~ receives less than the plurality of data packets of the content; and if an interruption occurs in uploading the plurality of data packets, ~~to recover~~

recovering the content such that the ~~recipient apparatus~~ receives the plurality of data packets.

98. (Currently Amended) A computer program product according to Claim 80, wherein the at least one computer-readable storage medium has computer-readable program code portions stored therein that in response to execution by a processor, cause an apparatus to further comprise perform the following:

~~a fourth executable portion configured to determine~~ determining if an interruption occurs in uploading the content such that the ~~recipient apparatus~~ only receives a portion of the content; and if an interruption occurs in uploading the content, ~~to receive~~

sending a length of the received portion of the content to the sender, ~~wherein the third~~

~~executable portion is configured to upload; and~~

~~receiving a remaining portion of the content to thereby recover the content such that the recipient apparatus receives all of the content.~~

99. (Currently Amended) A computer program product according to Claim 98, wherein ~~the third executable portion is configured to upload~~ receiving a remaining portion of the content comprises receiving a remaining portion of the content based upon a bit range of the remaining portion of the content.

100. (Currently Amended) A computer program product according to Claim 98, wherein ~~the fourth executable portion is configured to receive~~ sending a length of the received portion of the content comprises sending a length of the received portion of the content in accordance with a hypertext transfer protocol (HTTP) HEAD technique.

101. (Currently Amended) A computer program product according to Claim 100, wherein ~~the third executable portion is configured to upload~~ receiving a remaining portion of the content comprises receiving a remaining portion of the content in accordance with one of a HTTP POST or a HTTP PUT technique, wherein the one of the HTTP POST or HTTP PUT technique includes uploading receiving the remaining portion of the content including header information comprising a bit range of the remaining portion of the content.

102. (New) A system comprising:
a sender transmitter configured to send an upload request, wherein the upload request comprises a request to upload content from the sender transmitter to a recipient receiver; and
the recipient receiver configured to receive the upload request, and in response thereto, determine an upload schedule relating to at least one of the time or manner of uploading the content, and wherein the sender transmitter is configured to upload the content to the recipient receiver in accordance with the upload schedule.

103. (New) A system according to Claim 102, wherein the sender transmitter is further configured to delete the content from memory of the sender transmitter after uploading the content to the recipient receiver.

104. (New) A system according to Claim 102, wherein the upload schedule includes at least one instruction based upon state information regarding at least one of the recipient receiver or the sender transmitter, and wherein the sender transmitter is further configured to receive the state information before uploading the content to thereby enable the sender transmitter to upload the content based upon the state information.

105. (New) A system according to Claim 104, wherein the sender transmitter is configured to receive state information comprising at least one of a connectivity, location, actual movement or predicted movement of at least one of the recipient receiver or the sender transmitter.

106. (New) A system according to Claim 102, wherein the upload schedule includes at least one instruction based upon state information regarding at least one network over which the content is uploaded, and wherein the sender transmitter is further configured to receive the state information before uploading the content to thereby enable the sender transmitter to upload the content based upon the state information.

107. (New) A system according to Claim 106, wherein the sender transmitter is configured to receive state information comprising at least one of traffic on the at least one network or bandwidth available to at least one of the recipient receiver or the sender transmitter on the at least one network.

108. (New) A system according to Claim 102, wherein the upload schedule includes at least one instruction defining processing the content, and wherein the sender transmitter is further configured to process the content to thereby enable the sender transmitter to upload the

processed content.

109. (New) A system according to Claim 108, wherein the sender transmitter is configured to at least one of transcode or truncate at least a portion of the content to thereby enable the sender transmitter to upload the at least one of the transcoded or truncated portion of the content.

110. (New) A system according to Claim 108, wherein the sender transmitter is configured to break up the upload content into a plurality of portions to thereby enable the sender transmitter to upload the portions of the upload content.

111. (New) A system according to Claim 102, wherein the upload schedule includes at least one instruction defining at least one deadline for uploading the content, and wherein the sender transmitter is configured to upload the content based upon the at least one deadline.

112. (New) A system according to Claim 102, wherein the content includes a plurality of pieces, wherein the upload schedule includes at least one instruction comprising an ordering of the plurality of pieces of the content, and wherein the sender transmitter is configured to upload at least a portion of the content based upon the ordering of the plurality of pieces of the content.

113. (New) A system according to Claim 102, wherein the upload schedule includes at least one instruction based upon the content and at least one network over which the content is uploaded, and wherein the sender transmitter is configured to upload the content based upon the content and the at least one network.

114. (New) A system according to Claim 102, wherein the upload schedule includes at least one instruction based upon at least one upload time of the content determined based upon the content and at least one network over which the content is uploaded, and wherein the sender

transmitter is configured to upload the content based upon the at least one upload time.

115. (New) A system according to Claim 102, wherein the sender transmitter is further configured to receive a trigger to send an upload request before sending the upload request, and wherein the sender transmitter is configured to send the upload request in response to the trigger independent of interaction from a user of the sender transmitter.

116. (New) A system according to Claim 102, wherein the content comprises a plurality of data packets, and wherein the sender transmitter is configured to send an upload descriptor and thereafter upload the content, wherein at least one of the sender transmitter or the recipient receiver is configured to determine if an interruption occurs in uploading the plurality of data packets such that the recipient receiver receives less than the plurality of data packets of the content, and wherein, if an interruption occurs in uploading the plurality of data packets, the recipient receiver is configured to recover the content based upon the upload descriptor such that the recipient receiver receives the plurality of data packets.

117. (New) A system according to Claim 116, wherein the recipient receiver being configured to recover the content includes being configured to determine at least one remaining data packet to be uploaded to the recipient receiver to thereby complete uploading of the plurality of data packets of the content, and thereafter instruct the sender transmitter to send the at least one remaining data packet such that the recipient receiver receives the at least one remaining data packet.

118. (New) A system according to Claim 102, wherein the content comprises a plurality of data packets, and wherein the sender transmitter is configured to upload the plurality of data packets and at least one information packet regarding at least one group of at least one data packet.

119. (New) A system according to Claim 118, wherein the recipient receiver is

configured to monitor the uploaded data packets to determine, based upon at least one information packet, if an interruption occurs in uploading the plurality of data packets such that the recipient receiver receives less than the plurality of data packets of the content, and wherein, if an interruption occurs in uploading the plurality of data packets, the recipient receiver is configured to recover the content such that the recipient receiver receives the plurality of data packets.

120. (New) A system according to Claim 102, wherein at least one of the sender transmitter or the recipient receiver is configured to determine if an interruption occurs in uploading the content such that the recipient receiver only receives a portion of the content, and wherein, if an interruption occurs in uploading the content, the sender transmitter is configured to receive a length of the received portion of the content to thereby enable the sender transmitter to thereafter upload a remaining portion of the content to thereby recover the content such that the recipient receiver receives all of the content.

121. (New) A system according to Claim 120, wherein the sender transmitter is configured to upload a remaining portion of the content based upon a bit range of the remaining portion of the content.

122. (New) A system according to Claim 120, wherein the sender transmitter is configured to receive a length of the received portion of the content in accordance with a hypertext transfer protocol (HTTP) HEAD technique.

123. (New) A system according to Claim 122, wherein the sender transmitter is configured to upload the remaining portion of the content in accordance with one of a HTTP POST or a HTTP PUT technique, wherein the one of the HTTP POST or HTTP PUT technique includes uploading the remaining portion of the content including header information comprising a bit range of the remaining portion of the content.